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(54) Title: RF AMPLIFIER SYSTEM WITH INTERFACE TO PROVIDE A COMPUTER READABLE SPECTRAL DEPICTION OF THE RF OUTPUT

(57) Abstract: An RF amplifier system includes an RF power amplifier, a coupler, a digital signal analysis circuit, and an interface. The RF power amplifier has an RF output. The coupler is coupled to the RF power amplifier to detect the RF output. The digital signal analysis circuit is coupled to the coupler to produce a digital signal that provides a spectral depiction of the RF output. The interface is coupled to the digital signal analysis circuit to provide the spectral depiction of the RF output to an attached computer.

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